



# Martini SOFFIT

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High performance under slab soffit acoustic insulation

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CSR

## Martini Soffit

- Thermally-bonded polyester fibre insulation specifically designed to provide high performance sound absorption across a range of frequencies for under soffit applications.
- Made in a range of densities and thicknesses with fibre blends specifically engineered to provide maximum acoustic performance in diverse commercial, community and industrial applications.
- Laminated smooth surface provides a aesthetically-pleasing finish.
- Available with pre-drilled holes allow for straightforward installation, reducing labour costs.
- Non-irritant and does not require any protective clothing or masks during installation.
- Available in black, white and grey.

## Applications

Martini Soffit is ideal for use as a slab soffit liner in commercial buildings, sports halls, cinemas, studios and retail spaces.

## Environmental Benefits and Credentials

Manufactured from thermally bonded polyester fibre with up to 80% recycled fibre content from post-consumer PET packaging such as empty drink bottles.

- GreenTag<sup>Cert™</sup> certified
- Environmental Product Declaration (EPD) Certified in accordance with ISO 14025
- Product Health Declaration (PHD) certified
- Declare certified
- Suitable for Green Star<sup>™</sup> projects
- No red list chemicals are present
- No ozone-depleting gases are used during the manufacturing process
- Safe, non-irritant, non-toxic, and non-allergenic
- Products are 100% recyclable
- High re-use potential



Martini's Product Stewardship Program can be viewed at [www.csrmartini.com.au](http://www.csrmartini.com.au)

## Acoustic Performance

Frequencies	125hz	250hz	500hz	1,000hz	2,000hz	4,000hz	Alpha W	NRC
XHD 50	0.19	0.62	1.01	1.02	0.98	0.96	0.90	0.90
XHD 75*	0.45	0.80	1.00	1.00	1.00	1.00	1.00	1.00
XXHD 50	0.19	0.62	1.01	1.02	0.98	0.96	0.90	0.90

\*Opinion derived from empirical data.

## Product Specifications

Product	Thickness (mm)	Length (mm)	Width (mm)	Sheets /pack	m <sup>2</sup> /pack
XHD 50 <sup>^</sup>	50	2400	1200	6	17.28
XHD 75	75	2400	1200	4	11.52
XXHD 50	50	2400	1200	3	8.64

<sup>^</sup>Available with uncontaminated surface. If a decorative finish is required, dECO Quiet Panel is recommended.

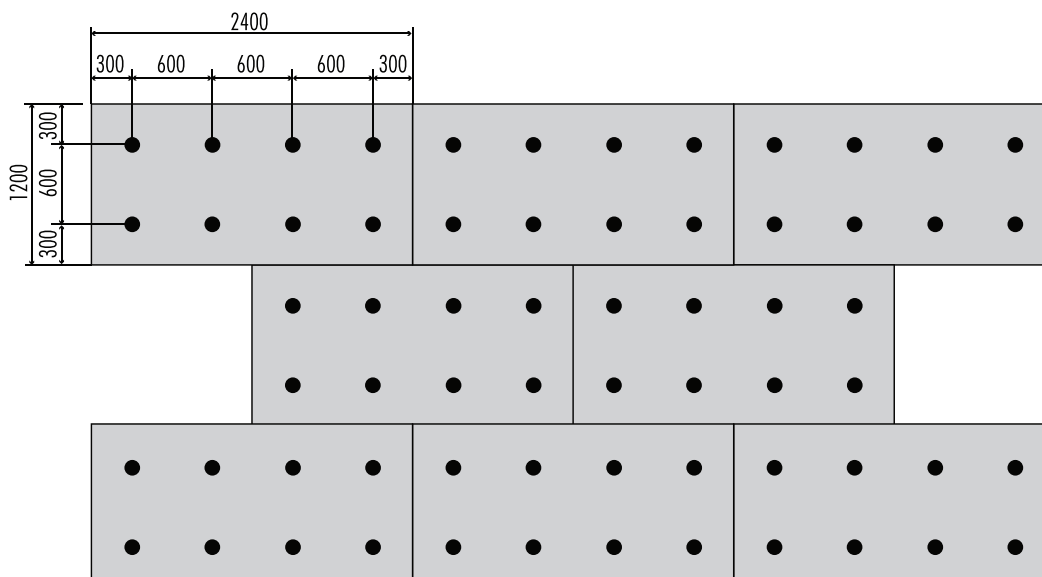
## Martini Soffit Sheet Product Information

Product	Soffit XHD 50	Soffit XHD 75
R-Value	1.5*	2.2
NRC	0.90	1.0

\*Calculated R-Value (Km<sup>2</sup>/W)

## Martini Soffit Pre-drilled Hole Pattern

Available with 8 holes pattern to allow for straightforward installation, reducing time on-site and labour costs. Other hole patterns are available. For more information, please contact your CSR Martini representative. For installation details, refer to Martini Soffit Installation Guide.



## Physical Description and Properties

<b>Melting point:</b>	250°C	
<b>Flash point:</b>	None allocated	
<b>Other properties:</b>	Non-allergenic, low irritant, low flame response, resilient	
<b>Ingredients:</b>	Organic, long chain synthetic polymer	
<b>Max service temp:</b>	110°C	
<b>Alkalinity:</b>	pH 7.8 (pH 7 is neutral)	
<b>Moisture absorption:</b>	Exposure to an atmosphere of 50°C and 95% RH for four days gives moisture absorption of less than 0.2% by volume	
<b>Fire resistance:</b>	<p>Tested to AS ISO 9705 Corner Burn in accordance with AS 5637.1</p> <p>Early fire hazard testing in accordance with AS 1530.3</p>	<p>Variations up to XXHD 50mm <b>Group 1-S</b> SMOGRA not more than 100m<sup>2</sup>/s<sup>2</sup> x 1000</p> <p>Ignitability 0 Spread of Flame 0 Heat Evolved 0 Smoke Developed 2</p>

# csrmartini.com.au

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